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Title: APPLIANCE FOR MEASURING THE CURRENT IN CONDUCTOR ;

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Inventor(s): ZIEHER PETER ING GRAD (DE); HOEFLINGER TOBIAS (DE) ;

Applicant(s): BOSCH GMBH ROBERT (DE) ;

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Equivalents: ;

#### ABSTRACT:

The appliance has a sensor (11) located in the vicinity of the conductor which provides a voltage dependent on the strength of the magnetic field generated by the current. The conductor (10) consists of two parts (10a, 10b) positioned sufficiently close to each other that the current I in each is in opposition with the sensor lying between them. The sensor can be a Hall effect sensor connected to an amplifier which can be combined with the sensor or form a separate unit. The conductor can be rectangular in cross-section with the wider sides facing one another.